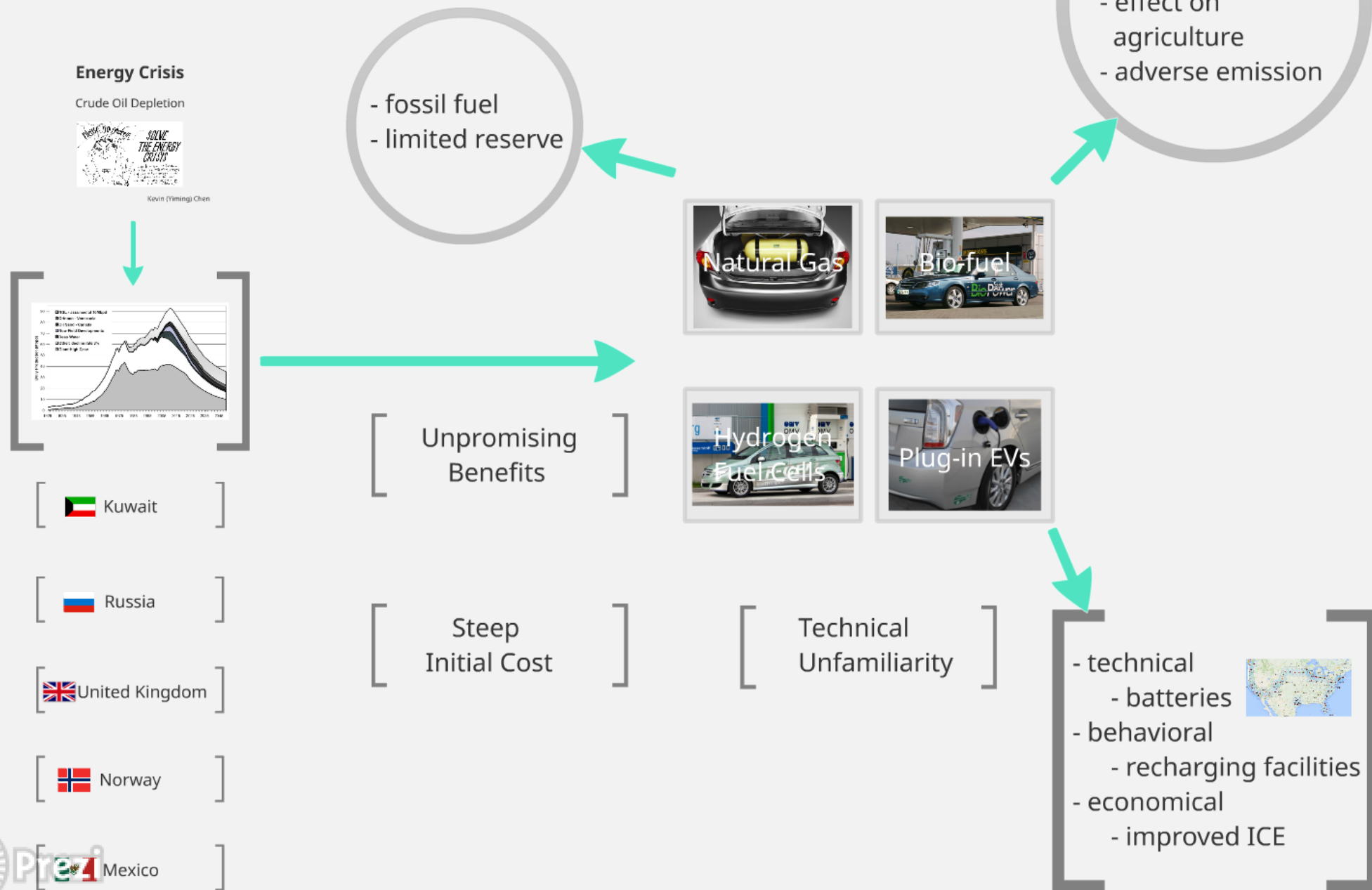
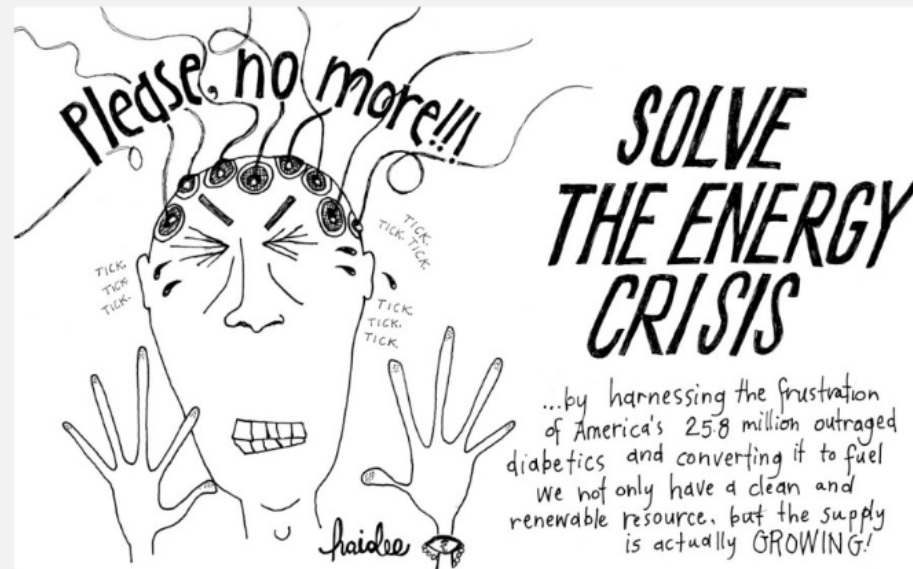


Caption: Under the pressure of imminent crude oil production peak in many countries around the world, natural gas, biofuel, hydrogen, hydrogen fuel cells, and electric vehicles fight for dominance in tomorrow's transportation industry. Unfortunately, they all run into barriers such as technical unfamiliarity, steep initial costs, and unpromising benefits, in addition to their own flaws.

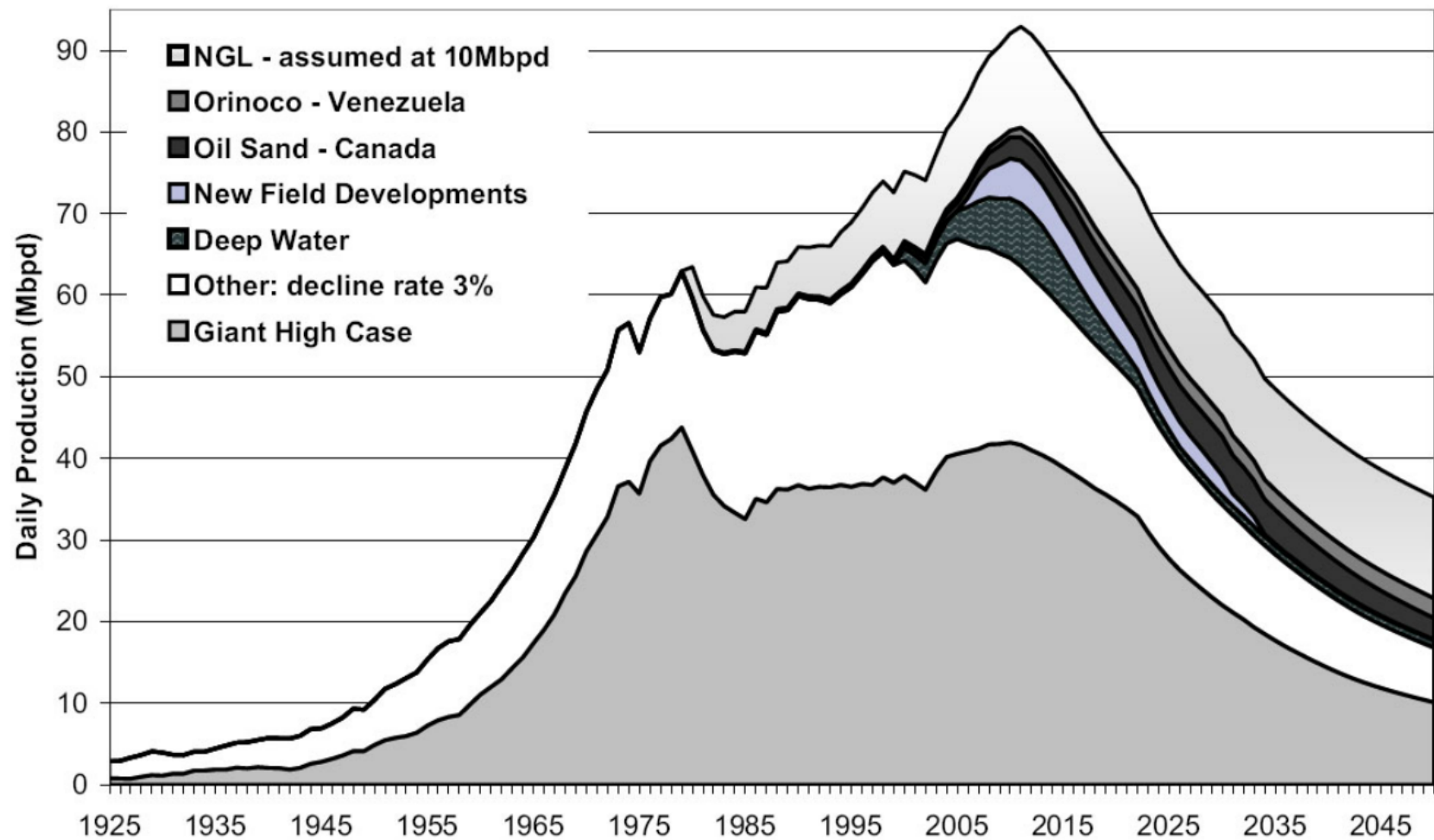


Energy Crisis

Crude Oil Depletion

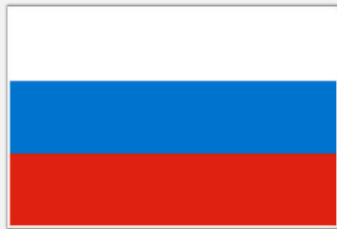


Kevin (Yiming) Chen





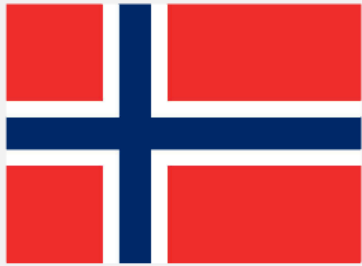
Kuwait



Russia



United Kingdom



Norway



Mexico



Natural Gas



Bio-fuel




Hydrogen
Fuel Cells



Plug-in EVs

Technical Unfamiliarity



Steep Initial Cost



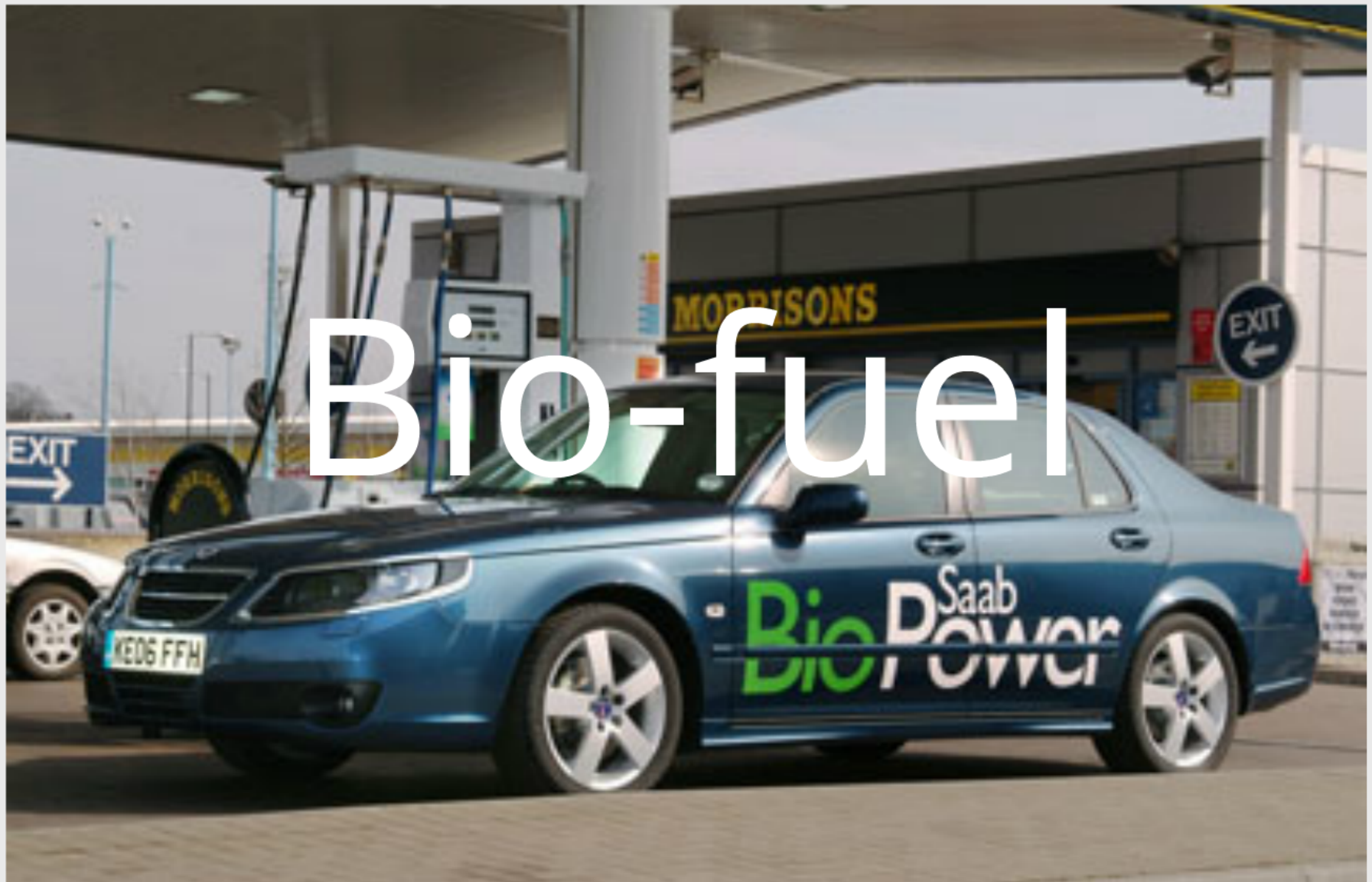
Unpromising Benefits




Natural Gas

- 
- 
- fossil fuel
 - limited reserve

Bio-fuel

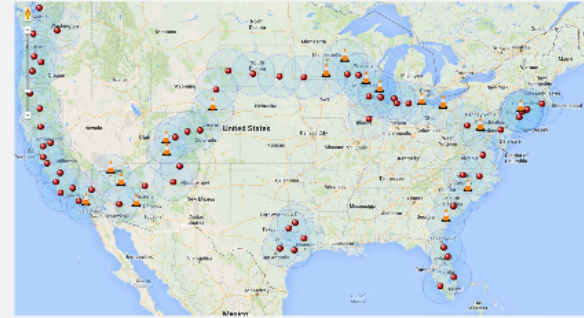



- dependency on food industry
- effect on agriculture
- adverse emission



Plug-in EVs

- technical
 - batteries
- behavioral
 - recharging facilities
- economical
 - improved ICE





Crude Oil Depletion



A diagram illustrating the production process. A large light blue circle is labeled "production process". To its left, a light blue rectangle is labeled "inputs". Inside the "inputs" rectangle, there is a list: "- fossil fuel" and "- limited reserve". A red arrow points from this list towards the "production process" circle.

- fossil fuel
- limited reserve

